NFRC Product Certification Authorization Report

Manufacturer: Elephant Windows and Doors Inc
Street: 16510 Los Gatos Almaden Rd
City/State/Zip: Los Gatos, CA 95032
Print Date: 12/24/2025

Product Series: S8520 Tilt Turn
Product Type: DATT
Air Leakage:

Simulation Lab: SATI
Sim. Report #: R9024.01-116-45 R0
Sim. Report Date: 01/13/2025
Test Date: 08/13/2025

Initial Cert. Date: 10/02/2025
Re-Certification Date:
Revised Date: 01/01/1970
Expiration Date: 08/13/2030

CPD Number: ELE-M-15 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00001-00001	XENE0185 / ARG / Clear (5mm/5mm) - 33mm IG	AT/AT	2	0.136(2)	0.870	TS-D	Fill 1: ARG (90)	N		CL	0.34	0.49	0.61	58
	00002-00001	XETN0187 / ARG / SB60 (6mm/6mm) - 33mm IG	AT/AT	2	0.094(2), 0.035(3)	0.790	TS-D	Fill 1: ARG (90)	N		CL	0.31	0.34	0.52	61
	00003-00001	XENE0185 / ARG / XENE0185 / ARG / Clear (5mm/5mm/5mm) - 33mm IG	AT/AT	3	0.136(2), 0.136(4)	0.350,0.350	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.25	0.41	0.53	64
	00004-00001	XENE0185 / ARG / XENE0185 / ARG / Clear (5mm/5mm/5mm) - 33mm IG	AT/AT	3	0.136(2), 0.136(4)	0.350,0.350	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.27	0.37	0.47	64
	00004-00002	XENE0185 / ARG / XENE0185 / ARG / Clear (5mm/5mm/5mm) - 33mm IG	AT/AT	3	0.136(2), 0.136(4)	0.350,0.350	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.27	0.37	0.47	64
	00005-00001	XENE0185 / ARG / XENE0185 / ARG / Clear (5mm/5mm/5mm) - 39mm IG	AT/AT	3	0.136(2), 0.136(4)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.23	0.41	0.53	64
	00006-00001	XENE0185 / ARG / XENE0185 / ARG / Clear (5mm/5mm/5mm) - 39mm IG	AT/AT	3	0.136(2), 0.136(4)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.23	0.37	0.47	64
	00006-00002	XENE0185 / ARG / XENE0185 / ARG / Clear (5mm/5mm/5mm) - 39mm IG	AT/AT	3	0.136(2), 0.136(4)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.23	0.37	0.47	64
	00007-00001	XENE0185 / ARG / XENE0185 / ARG / Clear (5mm/5mm/5mm) - 39mm IG	AT/AT	3	0.076(2), 0.136(4), 0.136(5)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.38	0.52	64
	00008-00001	XENE0185 / ARG / XENE0185 / ARG / Clear (5mm/5mm/5mm) - 39mm IG	AT/AT	3	0.076(2), 0.136(4), 0.136(5)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.22	0.35	0.46	64
	00008-00002	XENE0185 / ARG / XENE0185 / ARG / Clear (5mm/5mm/5mm) - 39mm IG	AT/AT	3	0.076(2), 0.136(4), 0.136(5)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.22	0.35	0.46	64
	00009-00001	CEV11 / ARG / XENE0185 / ARG / Clear (5mm/5mm/5mm) - 39mm IG	AT/AT	3	0.05(2), 0.136(4)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.22	0.19	0.32	64
	00010-00001	CEV11 / ARG / XENE0185 / ARG / Clear (5mm/5mm/5mm) - 39mm IG	AT/AT	3	0.05(2), 0.136(4)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.22	0.18	0.28	64
	00010-00002	CEV11 / ARG / XENE0185 / ARG / Clear (5mm/5mm/5mm) - 39mm IG	AT/AT	3	0.05(2), 0.136(4)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.22	0.18	0.28	64
	00011-00001	SB60 / ARG / PlanibelG (6mm/6mm) - 33mm IG	AT/AT	2	0.035(2), 0.168(3)	0.790	TS-D	Fill 1: ARG (90)	N		CL	0.31	0.30	0.51	60
	00012-00001	SB60 / ARG / S116 / ARG / Clear (6mm/5mm/5mm) - 39mm IG	AT/AT	3	0.035(2), 0.076(4)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.27	0.49	64
	00013-00001	SB60 / ARG / S116 / ARG / Clear (6mm/5mm/5mm) - 39mm IG	AT/AT	3	0.035(2), 0.076(4)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.24	0.44	64

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Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00013-00002	SB60 / ARG / S116 / ARG / Clear (6mm/5mm/5mm) - 39mm IG	AT/AT	3	0.035(2), 0.076(4)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.24	0.44	64
	00014-00001	WT172 / ARG / S116 / ARG / Clear (5mm/5mm/5mm) - 39mm IG	AT/AT	3	0.034(2), 0.076(4)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.21	0.44	64
	00015-00001	WT172 / ARG / S116 / ARG / Clear (5mm/5mm/5mm) - 39mm IG	AT/AT	3	0.034(2), 0.076(4)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.19	0.39	64
	00015-00002	WT172 / ARG / S116 / ARG / Clear (5mm/5mm/5mm) - 39mm IG	AT/AT	3	0.034(2), 0.076(4)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.19	0.39	64
	00016-00001	SB60-Lami / ARG / SB60 (5mm| 090SGP|5mm/5mm) - 39mm IG	AT/AT	2	0.035(2), 0.035(3)	0.870	TS-D	Fill 1: ARG (90)	N		CL	0.30	0.28	0.48	62
	00017-00001	SB70-Lami / ARG / SB70 (6mm| 060SGP|6mm/6mm) - 39mm IG	AT/AT	2	0.035(2), 0.018(3)	0.790	TS-D	Fill 1: ARG (90)	N		CL	0.30	0.25	0.45	62
	00018-00001	S116 / ARG / S116 (5mm/5mm) - 33mm IG	AT/AT	2	0.076(2), 0.076(3)	0.870	TS-D	Fill 1: ARG (90)	N		CL	0.31	0.42	0.61	61
	00019-00001	XENE0185 / ARG / S116 / ARG / XENE0185 (5mm/5mm/5mm) - 39mm IG	AT/AT	3	0.136(2), 0.076(4), 0.136(5)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.22	0.38	0.52	64
	00020-00001	XENE0185 / ARG / S116 / ARG / XENE0185 (5mm/5mm/5mm) - 39mm IG	AT/AT	3	0.136(2), 0.076(4), 0.136(5)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.22	0.35	0.46	64
	00020-00002	XENE0185 / ARG / S116 / ARG / XENE0185 (5mm/5mm/5mm) - 39mm IG	AT/AT	3	0.136(2), 0.076(4), 0.136(5)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.22	0.35	0.46	64
	00021-00001	XDTN0180 / ARG / XDTN0180 / ARG / Clear (6mm/6mm/6mm) - 42mm IG	AT/AT	3	0.042(2), 0.042(4)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.24	0.43	63
	00022-00001	XDTN0180 / ARG / XDTN0180 / ARG / Clear (6mm/6mm/6mm) - 42mm IG	AT/AT	3	0.042(2), 0.042(4)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.21	0.38	63
	00022-00002	XDTN0180 / ARG / XDTN0180 / ARG / Clear (6mm/6mm/6mm) - 42mm IG	AT/AT	3	0.042(2), 0.042(4)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.21	0.38	63
	00023-00001	XETN0187 / ARG / XETN0187 / ARG / Clear (6mm/6mm/6mm) - 42mm IG	AT/AT	3	0.094(2), 0.094(4)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.22	0.36	0.51	63
	00024-00001	XETN0187 / ARG / XETN0187 / ARG / Clear (6mm/6mm/6mm) - 42mm IG	AT/AT	3	0.094(2), 0.094(4)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.22	0.32	0.45	63
	00024-00002	XETN0187 / ARG / XETN0187 / ARG / Clear (6mm/6mm/6mm) - 42mm IG	AT/AT	3	0.094(2), 0.094(4)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.22	0.32	0.45	63
	00025-00001	WT172 / ARG / WT172 / ARG / PlanibelG (6mm/6mm/6mm) - 42mm IG	AT/AT	3	0.034(2), 0.034(4), 0.168(5)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.18	0.32	63

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	00026-00001	WT172 / ARG / WT172 / ARG / PlanibelG (6mm/6mm/6mm) - 42mm IG	AT/AT	3	0.034(2), 0.034(4), 0.168(5)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.17	0.29	63
	00026-00002	WT172 / ARG / WT172 / ARG / PlanibelG (6mm/6mm/6mm) - 42mm IG	AT/AT	3	0.034(2), 0.034(4), 0.168(5)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.17	0.29	63
	00027-00001	WT172 / ARG / S116 / ARG / PlanibelG (6mm/5mm/6mm) - 40mm IG	AT/AT	3	0.034(2), 0.076(4), 0.168(5)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.21	0.40	63
	00028-00001	WT172 / ARG / S116 / ARG / PlanibelG (6mm/5mm/6mm) - 40mm IG	AT/AT	3	0.034(2), 0.076(4), 0.168(5)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.19	0.36	63
	00028-00002	WT172 / ARG / S116 / ARG / PlanibelG (6mm/5mm/6mm) - 40mm IG	AT/AT	3	0.034(2), 0.076(4), 0.168(5)	0.470,0.470	TS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.19	0.36	63
	00029-00001	SDF178 / ARG / PlanibelG-Lami (6mm/6mm|060SGP|6mm) - 33mm IG	AT/AT	2	0.052(2), 0.168(3)	0.550	TS-D	Fill 1: ARG (90)	N		CL	0.30	0.29	0.48	61
	00030-00001	SDF178 / ARG / PlanibelG-Lami (6mm/6mm|060SGP|6mm) - 33mm IG	AT/AT	2	0.052(2), 0.168(3)	0.550	TS-D	Fill 1: ARG (90)	G	0.75	CL	0.31	0.26	0.43	61
	00030-00002	SDF178 / ARG / PlanibelG-Lami (6mm/6mm|060SGP|6mm) - 33mm IG	AT/AT	2	0.052(2), 0.168(3)	0.550	TS-D	Fill 1: ARG (90)	S	0.75	CL	0.31	0.26	0.43	61

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TATI	**08/13/2025**	1200mm x 1499mm	0.225	0.218	R9025.01-116-46

Comments:

I hereby certify that all requirements for NFRC Certification Authorization have been met and that the above information is true and correct, to the best of my knowledge.

Authorized IA Signature: 